

HARVARD UNIVERSITY.

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A

DESCRIPTIVE CATALOGUE

OF THE

WARREN ANATOMICAL MUSEUM.

BY

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1870.

## THIRD DIVISION.

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### MISCELLANY.

#### SERIES XLI.—NATIONAL SKULLS, CASTS OF HEADS, ETC.

All of the specimens in this series were given by Dr. J. C. Warren, and in 1847, unless otherwise recorded.

3157. English skull.

3158. Cast of an English skull. — This is one of twelve casts, that were sent to Dr. W., in 1849, by Dr. Samuel G. Morton, of Philadelphia, as typical specimens. 1849.

3159. "English form." S. and H.

All of the specimens of the races that were in the Phrenological Collection (p. 710) have been transferred to this series; and, with a few exceptions, that will be designated, they are all casts. P. C. signifies Phren. Collection. S. and H., from the collections of Dr. Spurzheim and Mr. Holm. An asterisk (\*) indicates a mask; a cross (†) indicates a skull, and the rest are heads.

3160. "Celtic form. Mad. Michat; south of France." S. and H.

3161. "An Casimir." S. and H.

3162. \* "Jew; tribe of Benjamin." S. and H.

3163. † "Skull from the burial-ground of London Hospital." S. and H.

3164. Irish skull.

3165. † A Highlander. S. and H.

3166. Skull of a German. Cast; from Dr. Morton. 1849.

3167. Austrian skull.
3168. Copt; cast of the skull, from Dr. Morton.
3169. Skull of a Greek, who was killed at Scio; several recent sabre cuts being seen upon the back. Nasal bones unusually long and prominent.
3170. Skull of a Turk.
3171. † "Turk; St. Bats." S. and H.
3172. Skull picked up at Aboukir, in Egypt.
- 3173-5. Guanche skulls. — They show a depression to a considerable extent along the sagittal suture, and in No. 3173 it is quite marked. In this same skull, also, there is a perforation of the left parietal bone, from old disease; the opening being closed, upon the inner surface, by a new growth of bone.

Casts of pre-historic specimens. 1866.

*Museum Fund.*

3176. 1. The Neanderthal skull.
3177. 2. The Engis skull.
3178. 3. A lower jaw, from the cave at Arcy, Yonne, France. The original is in the possession of the Marquis de Vibraye, Paris.
3179. Græco-Egyptian skull. Cast; from Dr. Morton. 1849.
3180. Ancient Egyptian skull. Cast; from Dr. Morton. 1849.
3181. † Skull from an Egyptian mummy. Cast. P. C.
3182. Cranium from an Egyptian mummy, that belonged to Ward Nicholas Boylston, Esq., and that was given after his death to the late Dr. S. The æthmoid is broken away, as usual; and in the cranial cavity is a large quantity of a very pure bituminous substance. Parietal foramina,  $\frac{1}{4}$  in. in diameter; and there are some appearances of disease upon the surface of the frontal bone. 1859.

*Dr. Geo. C. Shattuck.*

3183. One of the legs, from the above; with many thicknesses of bandage about it, and applied with the usual regularity. 1859.

*Dr. Shattuck.*

- 3184-94. Hindoo skulls. Nos. 3184-5 are children; and No. 3194 shows extensive disease of the alveoli,—the surrounding bone being quite healthy.
3195. † The same. P. C.  
The next six specimens are skulls, and not casts.
- 3196-8. "Natives of Bengal. Hindoos." P. C.
- 3199-3201. " " Mussulmans." P. C.
3202. " " " Cast.
3203. † "Bengallee." P. C.
3204. Hindoo skull; cast.
3205. Skull picked up on the banks of the Ganges, but probably a Caucasian. Amateness very large. P. C.
3206. Chinese skull.
- 3207-9. " " cast. S. and H.
3210. Chinese skull of Tartar race, according to Dr. Bachi." Cast.
3211. Foot of a Chinese woman; natural skeleton, and about 5 in. in length. The os calcis makes about a right angle with the rest of the foot; its position is very nearly perpendicular, and its form quite irregular outwardly, and at the insertion of the tendo achilles. The bones are, of course, small; but otherwise the foot is well formed, excepting some obliquity of the metatarso-phalangeal articulations. 1863. *Mr. Geo. Sceva.*
3212. Bones of the mate to the above, separated by maceration. Appearances of os calcis the same. Both specimens prepared by Mr. S. 1863. *Mr. Geo. Sceva.*
3213. Model of the extremely small foot of a Chinese woman, as it appears when dressed. 1863. *Mr. G. Sceva.*
3214. "Kalmuc; Royal Museum, Paris." Cast.
3215. "Devotee, according to Dr. Bachi." "
3216. \* "Kirkgese; a race in Siberia." S. and H.
3217. † "Burmese; from the camp at Rangoon, where it was dug up." S. and H.
3218. Malay skull. Cast; from Dr. Morton. 1849.
3219. Skull of a dissecting-room subject from Manilla. Cal-

varia wanting. The upper alveolar processes are quite prominent; and there is a want of symmetry posteriorly. 1854. *Dr. R. M. Hodges.*

3220. † "New Hollander." P. C.

3221. Skull of a negro. Cast; from Dr. Morton. 1849.

3222-5. † African. S. and H.

3226-32. African skulls.

See No. 961. The obliteration of the cranial sutures that characterizes the African is finely shown.

3233. The same; strongly characterized. 1848.

*Dr. O. W. Holmes.*

The African skulls, in the collection, are generally heavy, and some of them quite so.

Nasal opening in the negro. (See No. 1537.)

3234. \* "Negro, Angelo—remarkable for his knowledge of languages." S. and H.

3235. "Eustache Belin—a negro. Born in St. Domingo, and died in 1835. Remarkable for courage and benevolence; and gained the first Monthyon Prize in 1832." P. C.

3236. Abyssinian skull.

3237. Cast of the head of a native Hottentot. The man was seventeen years old, had been on exhibition for several months in this city; and finally hung himself. His skeleton is in the Museum of Comparative Zoology, at Cambridge. 1861. *Museum Fund.*

3238. A small specimen of hair from the head of a "Bushman," from S. Africa. Small portions of the hair were very tightly twisted into little coils, so that the whole head seemed, as it were, covered with spines.—From a female, about nineteen years of age, who was exhibited in this city. 1862. *Dr. J. B. S. Jackson.*

3239. \* "Madagascar (male)." S. and H.

3240. \* The same, (female.) "

3241. † "Madagascar Negress." "

3242. † "Mozambique Negro." "

3243. \* "Madagascar and Negro." "

- 3244-5. † "New Zealander." S. and H.
3246. Australian. Cast of skull; from Dr. Morton. 1849.
3247. "Owhyhee.—Tea-pot; native of the spot where Capt. Cook was killed." S. and H.
- 3248-9. \* "Tattooed."
3250. Skull of a Sandwich Islander, who hung himself. A large Wormian bone is seen above the right temporal bone. From the dissecting-room. 1856. *Dr. R. M. Hodges.*
3251. A specimen of the coarse, thick, straight, black hair, that characterizes the South-Sea Islanders. From the above subject. 1856. *Dr. R. M. Hodges.*
3252. Chilian. Cast of the skull; from Dr. Morton. 1849.
- 3253-5. † "South American Indian." S. and H.
3256. † Carib. P. C.
3257. Cast of the head of a Flat-head Indian, from the Columbia River. Taken about three weeks after death, and when there had not been much cadaveric change.
- The subject was a male, twenty-two years of age; had been sent to Europe by the missionaries for his education; and died in this city, extensively tuberculous. Measurements: from vertex to soles of feet, 5 ft.  $\frac{3}{4}$  in.; from head of humerus to tip of middle finger, in a straight line, 2 ft.  $4\frac{3}{4}$  in.; from upper extremity of great trochanter to sole of heel, in a straight line, 2 ft.  $9\frac{1}{4}$  in.; 11 in. across the hips; and 15 in. across the shoulders; hand 7 in. long, and foot  $9\frac{1}{4}$  in. Hands and feet quite delicate, and nails long and finely formed. The toes overlapped about as much as in Caucasians generally; but there were no corns. 1860. *Museum Fund.*
- Nos. 54, 236, 503, and 1847, were from the same subject; and also the next four specimens. 1860. *Museum Fund.*
3258. 1. The cranium.—Sagittal suture obliterated to a considerable extent, though the subject was young; and this accords with the remark of Dr. J. Thurnam (*Nat. History Review*, April, 1865), that flattening by artificial pressure tends to premature co-ossification. 1860.

3259. 2. Hair from the head.
3260. 3. Skin from the pubes ; with the hair upon it.
3261. 4. The ear, perforated in six places near the margin.  
The other had been similarly treated.
3262. Skull of a Flat-head Indian, brought from the North-west coast by Mr. K. 1864. *Mr. John Knight.*
3263. "Chinook ; Columbia River. Col. Perkins."
3264. " " J. J. Astor."
3265. † "Flat-head Indian." S. and H.
3266. Skull of a North American Indian ; from Salem, Mass.
3267. A second. "Menominee ; from Dr. Morton."
3268. A third. From Nantucket, Mass. The subject was a child.
3269. A fourth. From near Wachusett, Mass., and considerably broken. 1857. *Dr. John White, of Westminster.*
3270. A fifth, considerably broken ; from an island in Boston harbor. (See No. 237.) 1862. *Dr. H. G. Clark.*
3271. A sixth ; not a cast. P. C.
3272. A collection of bones, probably of Indian origin, and labelled, in an illiterate hand, "From Mt. Dorgester"(Dorchester, Mass.?). Of three humeri, one has the olecranon fossa perforated.
3273. A skull. "Found while repairing the fortifications of Fort Independence. Supposed to be of Caucasian race."  
P. C.
3274. "Qualish, the last of the Indian tribe at Dedham (Mass) ; was buried in 1774 ; æt. sixty-eight. The bones were found in a perfect state, and every tooth in its place."  
1856. *Dr. H. J. Bigelow.*
3275. Cast of the skull of an Indian ; "shot many years since, while prowling round a house in the interior of Massachusetts. Combativeness, destructiveness, and secretiveness uncommonly large. Benevolence deficient." P. C.
3276. † Wyandot Indian, in the Dorfeuille's Museum, Cincinnati. P. C.

3277. † "Pepick, a distinguished Winnebago Chief, who was killed at Chicago, in 1812, at the head of a party of his tribe, by the American troops." P. C.
3278. † Cast of a skull from Fort Mackenzie. P. C.
- 3279-80. Skulls from "Rocky Cavern, in Steubenville, Ohio."
- 3281-5. Skulls from Alton, Ill. A ridge along the sagittal suture is a prominent feature in these skulls.
3286. Aboriginal American. Cast of skull; from Dr. Morton. 1849.
3287. † "Cast of a skull, from a mound in Cincinnati, Ohio, and supposed to be a fair specimen of the crania that properly belong to the mounds of our country." P. C.
3288. "A Peruvian Indian. From a cemetery, in which no interments have been made since the conquest by Pizarro, and near a Temple of the Sun, about twenty miles to the southward of Lima. The organization very closely resembles that of the last specimen." P. C.
3289. † "Said to be that of a North American Indian. Probably a Peruvian."
3290. † Peruvian. Back part of the head, flattened. P. C.
- 3291-3. Peruvian skulls, of the Inca race. The first was brought from Lima, by Capt. Hull, U. S. N.
- 3294-6. The same. Nos. 3290 and 3294 are very much distorted posteriorly. 1849.
3297. "Peruvian, from Deville." Cast of skull; and very greatly compressed antero-posteriorly.
- 3298-9. "Peruvian, sacrificed to the Inca." Casts.
3300. "Peruvian." Cast.
- 3301-2. Ancient Peruvian; the frontal region of which is flattened. Casts; from Dr. Morton. 1849.
- 3303-5. The same. Casts of the skull.

The following table gives the measurement of most of the above specimens. To get the internal capacity of the skull, it was filled with shot (No. 2 B), and these were then transferred to a tin canister; the shot being well shaken and rammed down in each. The space that

they occupied was then indicated by a wooden cylinder, that was fitted to the canister, and graduated to half an inch. No. 3169 was measured with rice. The longitudinal diameter shows the distance from a point about 1 in. above the fronto-nasal suture, to the most prominent point of the occiput, upon the median line. The next column gives the distance from this last point to the anterior edge of the foramen magnum. To get this measurement, and to which Dr. Wyman attaches so much importance in his "Observations on Crania," the two points that indicate the long. diameter were brought very nearly, if not exactly, into a horizontal line; plumb lines were then dropped to the ant. edge of the foramen and the post. point of the occiput, and the distance between the two was measured. This was the method used by Dr. W. for the occipital region; and by a very simple and ingenious contrivance, he made his measurements with great accuracy. It was very desirable to get this measurement in the case of the casts that were sent by Dr. Morton to Dr. Warren, as typical specimens; and it was taken, as the position of the condyles showed pretty exactly where the anterior edge of the foramen would have been. The last column shows the distance, over the top of the skull, from the fronto-nasal suture to the posterior edge of the foramen magnum.

	No.	Int. capacity.	Long. diameter.	Occiput.	Over vertex.
English,	3157	99½	7½	3 <sup>9</sup> / <sub>16</sub>	14½
“ cast,	3158		7 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	15½
Irish,	3164	97	7¼	3 <sup>1</sup> / <sub>16</sub>	15½
German; cast,	3166		6 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	14½
Austrian,	3167	97	7 <sup>3</sup> / <sub>8</sub>	3½	15½
Copt; cast;	3168		7¼	3 <sup>1</sup> / <sub>16</sub>	14½
Sciot,	3169	97	7½	3½	15 <sup>3</sup> / <sub>8</sub>
Turk,	3170		7 <sup>3</sup> / <sub>8</sub>		14½
Guanche,	3173	70	6 <sup>3</sup> / <sub>8</sub>	3¼	14
“	3174	77	7	3 <sup>3</sup> / <sub>16</sub>	14½
“	3175	80½	7	3 <sup>5</sup> / <sub>16</sub>	13½
From Aboukir,	3172	93½	7½	3	14 <sup>7</sup> / <sub>8</sub>
Engis skull; cast,	3177				
Græco-Egyptian; cast,	3179		7½	3½	14½
Ancient “ “	3180			3 <sup>7</sup> / <sub>16</sub>	15½
Egyptian mummy,	3182		7½		

	No.	Int. capacity.	Long. diameter.	Occiput.	Over vertex.
Hindoo,	3184	80½	6½	3½ <sup>1</sup> / <sub>6</sub>	14½
"	3185	69½	6½	2½	13½
"	3186	79½	6¾	3½ <sup>1</sup> / <sub>6</sub>	14
"	3187	71½	6¾	2¾	13½
"	3190	86½	6¾	3½ <sup>3</sup> / <sub>6</sub>	14½
"	3191	65½	6¾ <sup>3</sup> / <sub>6</sub>	2¾ <sup>7</sup> / <sub>6</sub>	13
"	3192	69½	6¾	3½ <sup>3</sup> / <sub>6</sub>	13½
"	3193	74½	6¾	3½ <sup>1</sup> / <sub>6</sub>	13½
"	3194	73½	6¾	2¾	14
Chinese,	3205	89½	6¾	3½	14½
Malay; cast,	3217		7½	3½ <sup>3</sup> / <sub>6</sub>	15½
Negro; "	3220		7½ <sup>5</sup> / <sub>6</sub>		15½
African,	3225	87	7¼	3½ <sup>0</sup> / <sub>6</sub>	15½
"	3226	85	7½	3½ <sup>6</sup> / <sub>6</sub>	14½
"	3227		7	3½ <sup>3</sup> / <sub>6</sub>	14½
"	3228	96	7½	3½ <sup>3</sup> / <sub>6</sub>	15½
"	3229	73	6¾	3½ <sup>3</sup> / <sub>6</sub>	14
"	3230		7¼	3½	14½
"	3231	93	7½ <sup>1</sup> / <sub>6</sub>	3½	14½ <sup>1</sup> / <sub>6</sub>
"	3232	92	7¼	3½ <sup>1</sup> / <sub>6</sub>	14½
Abyssinian,	3235	74½	6½	3½ <sup>3</sup> / <sub>6</sub>	13½
Australian; cast,	3245		7½	3½	15
Sandwich Islander,	3249		6¾	3½	13½
Chilian; cast.	3251		7¼	3½	15½
Flat-head Indian, from the Columbia River,	3257	93	6¼	2½ <sup>5</sup> / <sub>6</sub>	13
Flat-head Indian, from the Columbia River,	3261	83½	6¾ <sup>3</sup> / <sub>7</sub>	2½ <sup>9</sup> / <sub>6</sub>	13
Flat-head Indian, from the Columbia River,	3262	77	6½	3	13½ <sup>6</sup> / <sub>16</sub>
Flat-head Indian, from the Columbia River,	3263	87	6¾	2½ <sup>2</sup> / <sub>6</sub>	13½
N. A. Indian; Massachusetts,	3265		7	3	14½
" " " about	3266		6¾	3½ <sup>3</sup> / <sub>6</sub>	14
" " " 3 yrs. old,	3267		6½	3½	14½
" " " "	3273	85	7	3½ <sup>5</sup> / <sub>6</sub>	14½
" " Ohio,	3278		7¾	3½ <sup>7</sup> / <sub>6</sub>	15½
" " " "	3279		7		13½
" " Illinois,	3280		6¾	2¾ <sup>7</sup> / <sub>6</sub>	13½
" " " "	3281	90	7¼	3	14½
" " " "	3283	100	7¼	3½ <sup>1</sup> / <sub>6</sub>	15½
" " " "	3284	82½	6¾	3	14
Aboriginal American; cast,	3285		6¾	2½	14½
Peruvian; Inca race,	3290	88	6¾	3½	14½
" " " "	3291	63	5¾	2½	12½
" " " "	3292	92½	6¾	2¾	14½
" " " "	3293	82	6½	2¾ <sup>7</sup> / <sub>6</sub>	13½
" " " "	3294	79½	6¼	2½ <sup>9</sup> / <sub>6</sub>	12½
" " " "	3295	67½	5¾	2½ <sup>3</sup> / <sub>6</sub>	12½
" " " Ancient race,	3300		5¾		13½
" " " "	3301		6	4¼	14½